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## In the claims:

## 1. (Currently Amended) A compound of formula I:

$$(Y_1)_a$$
 $A$ 
 $N$ 
 $R_1$ 
 $R_2$ 

wherein, independently for each occurrence,

L is a bond or L is alkyl, alkenyl, or cycloalkyl which may be substituted with one or more  $R_1$ ;

A is a monocyclic ring of 4-7 atoms containing 0-2 heteroatoms, a bicyclic ring of 8-12 atoms containing 0-4 heteroatoms or a tricyclic ring of 12-16 atoms containing 0-6 heteroatoms wherein the rings are independently aliphatic, aromatic, heteroaryl, or heterocyclic; wherein the heteroatoms selected from N, S, and O, and wherein the rings are optionally substituted with one or more groups selected from C<sub>1-4</sub> alkyl, CH<sub>2</sub>OH, OR", SR", CN, N(R")<sub>2</sub>, CH<sub>2</sub>N(R")<sub>2</sub>, NO<sub>2</sub>, CF<sub>3</sub>, CO<sub>2</sub>R", CON(R")<sub>2</sub>, COR", NR"C(O)R", F, Cl, Br, I and -S(O)<sub>r</sub>CF<sub>3</sub>, wherein R" is H, alkyl or alkaryl;

R<sub>1</sub> is, independently for each occurrence, H, alkyl, cycloalkyl, aryl, or alkaryl;

R<sub>2</sub> is

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wherein, independently for each occurrence,

B is a bond,  $C(R_1)_2$  or C=O;

E is O or S;

providing that the two Ds are different;

$$N-B-(CH_2)_b-B-Q$$
 $R_1$ 
 $R_1$ 
 $R_1$ 
 $R_1$ 
 $R_2$ 
 $R_3$ 
 $R_4$ 
 $R_5$ 
 $R_6$ 
 $R_6$ 

J is NR<sub>1</sub>, CH<sub>2</sub>, CH<sub>2</sub>CH<sub>2</sub>, or O;

M is  $CR_1$  or N;

Q is N or CH;

U is O,  $H_2$ , or  $CH_2$ ;

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X is H,  $C_{1-4}$  alkyl,  $CH_2OH$ ,  $OR_1$ ,  $SR_1$ , CN,  $N(R_1)_2$ ,  $CH_2N(R_1)_2$ ,  $NO_2$ ,  $CF_3$ ,  $CO_2R_1$ ,

$$B-(CH_2)_b-B-Q$$
 $(CH_2)_n$ 
 $(CH_2)_n$ 

 $CON(R_1)_2$ ,  $COR_1$ ,  $NR_1C(O)R_1$ , F, Cl, Br, I,  $-S(O)_rCF_3$ ,

$$\begin{array}{c} B-(CH_2)_b-B-Q \\ \text{or} \\ \end{array} R_1;$$

Z is H,  $C_{1-4}$  alkyl,  $N(R_1)_2$ ,  $NHC(O)R_1$ ,  $NHCH_2C(O)R_1$  or  $NHC(O)CH=CHR_1$ ;

r is 0, 1, or 2;

 $R_6$  is  $C(O)OR_1$ ;

 $R_1$  is as previously defined;

b is an integer from 0-4;

R<sub>3</sub> is alkyl or cycloalkyl;

a is an integer from 0-4; and

 $Y_1$  is

$$R_5$$
 $N$ 
 $O$ 
 $(CH_2)_n$ 

wherein,

R<sub>4</sub> is a water solubilizing group;

R<sub>5</sub> is H, alkyl, or cycloalkyl; and

n is an integer from 0 to 4;

or a pharmaceutically acceptable salt thereof.

2. (**Original**) The compound of claim 1, wherein L is a  $C_2$  alkenyl.

- 3. (Withdrawn) The compound of claim 1, wherein L is a  $C_2$  alkenyl and  $R_2$  is wherein B is C=O.
- 4. (Withdrawn) The compound of claim 1, wherein L is a  $C_2$  alkenyl and  $R_2$  is

Note that 
$$N = N - B - (CH_2)_b - B - Q$$
 $(CH_2)_n$ 
 $(CH_2)_n$ 
 $(CH_2)_n$ 
 $(CH_2)_n$ 

5. (**Original**) The compound of claim 1, wherein L is a  $C_2$  alkenyl and  $R_2$  is wherein  $R_1$  is H.

- 6. (**Original**) The compound of claim 1, wherein L is a  $C_2$  alkenyl and  $R_2$  is wherein  $R_1$  is H and the D adjacent to B is  $NR_1$ .
- X X Z,
- 7. (Withdrawn) The compound of claim 1, wherein L is a  $C_2$  alkenyl and  $R_2$  is wherein Z is  $N(R_1)_2$ .
- 8. (Withdrawn) The compound of claim 1, wherein L is a  $C_2$  alkenyl and  $R_2$  is

$$\text{C-B-(CH$_2$)$_b-B-Q} \begin{picture}(CH$_2$)_n\\ \text{Wherein Z is } N(R_1)_2 \text{ and Q is}\end{picture}$$

- 9. (Withdrawn) The compound of claim 1, wherein A is a 6 membered monocyclic aryl.
- 10. (Withdrawn) The compound of claim 1, wherein A is a 10 membered bicyclic aryl.
- 11. (Withdrawn) The compound of claim 1, wherein A is a 12 membered tricyclic aryl.
- 12. (Withdrawn) The compound of claim 1, wherein A is an 8 membered bicyclic heteroaryl.
- 13. (**Original**) The compound of claim 1, wherein A is a 9 membered bicyclic heteroaryl.
- 14. (**Original**) The compound of claim 1, wherein A comprises at least 1 heteroatom.
- 15. (Withdrawn) The compound of claim 1, wherein A comprises at least 2 heteroatoms.
- 16. (Withdrawn) The compound of claim 1, wherein A comprises at least 1 nitrogen atom.
- 17. (**Original**) The compound of claim 1, wherein A comprises at least 1 oxygen atom.
- 18. (Withdrawn) The compound of claim 1, wherein A comprises at least 1 sulfur atom.
- 19. (Withdrawn) The compound of claim 1, wherein A comprises at least 2 sulfur atoms.
- 20. (**Withdrawn**) The compound of claim 1, wherein the compound is selected from the following:
  - (E)-N-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(1-propyl-naphthalen-2-ylmethyl)acrylamide hydrochloride;
  - (*E*)-3-(3,3-Dimethyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)acrylamide hydrochloride;
  - (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-*N*-naphthalen-2-ylmethyl-acrylamide hydrochloide;
  - (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-*N*-naphthalen-1-ylmethyl-acrylamide hydrochloride;
  - (*E*)-*N*-(4-Acetylamino-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;

- (*E*)-*N*-(4-Methanesulfonyl-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-(2-Methoxy-naphthalen-1-ylmethyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-(2,3-Dimethyl-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-(4-Isopropyl-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-*N*-Indan-5ylmethyl-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (E)-N-Indan-5ylmethyl-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloide;
- (E)-N-Methyl-N-(3-methyl-benzo[b]thiophen-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3,5-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-[2-(1*H*-Indol-3-yl)-ethyl]-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(2,4,5-trimethoxy-benzyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-*N*-phenanthren-9-ylmethyl-acrylamide hydrochloride;

- (*E*)-*N*-Acenaphthen-5-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-(4-Methoxy-naphthalen-1ylmethyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Benzo[1,3]dioxol-5-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-(2,5-Dimethoxy-benzyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-*N*-quinolin-4-ylmethyl-acrylamide hydrochloride;
- (*E*)-*N*-(4-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3,4-Dimethyl-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-*N*-(2,4,6-trimethyl-benzyl)acrylamide hydrochloride;
- (E)-N-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(2,4,5-trimethyl-benzyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-quinolin-3-ylmethyl-acrylamide hydrochloride;
- (*E*)-*N*-(3,4-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;

- (*E*)-*N*-Benzofuran-2-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-Methyl-N-(2-methyl-naphthalen-1-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Biphenyl-2-ylmethyl-methyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Biphenyl-3-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-napthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-(2-Ethoxy-benzyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(2,3,4-trimethoxy-benzyl)acrylamide hydrochloride;
- (E)-N-(2,3-Dihydro-benzo[1,4]dioxin-6ylmethyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2,3-Diethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3-Ethoxy-2-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-(2-Ethoxy-3-methyl-benzyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-quinolin-5ylmethyl-acrylamide hydrochloride;

- (*E*)-*N*-(3-Methoxy-2-propoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3-Methoxy-2-isopropoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(3-Chloro-2-methoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-(3-Chloro-2-ethoxy-benzyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2,3-Dihydro-benzo[1,4]dioxin-5-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(4,5-Dimethyl-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-N-(2-methyl-benzofuran-3-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-Methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)-N-quinolin-5-ylmethyl-acrylamide hydrochloride;
- (E)-N-benzyl-N-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (E)-N-methyl-N-(1-methyl-1H-indol-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-(7-{2-[Methyl-(1-methyl-1H-indol-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,2,3,5-tetrahydro-pyrido[2,3-e][1,4]diazepin-4-yl)acetic acid ethyl ester hydrochloride;
- (*E*)-*N*-(2,3-Dimethoxy-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;

- (*E*)-*N*-Methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Methoxy-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- I-(+)-(E)-N-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(1-naphthalen-1-yl-ethyl)acrylamide hydrochloride;
- (S)-(-)-(E)-N-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(1-naphthalen-1-yl-ethyl)acrylamide hydrochloride;
- (*E*)-*N*-Benzo[*b*]thiophen-2-ylmethyl-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)-N-(3-trifluoromethyl-benzyl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Chloro-benzyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (E)-N-Methyl-N-(4-methyl-benzyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (R)-(-)-(E)-N-Methyl-N-(1-methyl-1H-indol-2-ylmethyl)-3-(10-oxo-2,3,4,9,10,10<sup>a</sup>-hexahydro-1H-3<sup>a</sup>,8,9-triaza-benzo[f]azulen-6-yl)acrylamide hydrochloride;
- (S)-(+)-(E)-N-Methyl-N-(1-methyl-1H-indol-2-ylmethyl)-3-(10-oxo- $2,3,4,9,10,10^a$ -hexahydro-1H- $3^a$ ,8,9-triaza-benzo[f]azulen-6-yl)acrylamide hydrochloride;
- (E)-3-[4-(4-Methoxy-benzyl)-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl]-N-methyl-N-(1-methyl-1H-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;

- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[4-(2-morpholin-4-yl-ethyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (E)-N-Methyl-N-(3-methyl-benzo[b]thiophen-2-ylmethyl)-3- $\{4$ -[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl $\{a$ -crylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (E)-N-(2-Ethoxy-3-methoxy-benzyl)-N-methyl-3- $\{4$ -[2-(4-methyl-piperazin-1-yl)-2-oxoethyl]-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl $\{1$ -acrylamide hydrochloride;
- (S)-(+)-(E)-N-Methyl-N-(3-methyl-benzo[b]thiophen-2-ylmethyl)-3-(10-oxo- $2,3,4,9,10,10^{a}$ -hexahydro-1H- $3^{a}$ ,8,9-triaza-benzo[f]azulen-6-yl)acrylamide hydrochloride;
- (R)-(-)-(E)-N-Methyl-N-(3-methyl-benzo[b]thiophen-2-ylmethyl)-3-(10-oxo- $2,3,4,9,10,10^a$ -hexahydro-1H- $3^a,8,9$ -triaza-benzo[f]azulen-6-yl)acrylamide hydrochloride;
- (*E*)-*N*-(4-Fluoro-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(4-Chloro-naphthalen-1-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Isopropoxy-3-methoxy-benzyl)-*N*-methyl-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (E)-N-Methyl-N-(3-methyl-benzo[b]thiophen-2-ylmethyl)-3- $\{4$ -[3-(4-methyl-piperazin-1-yl)propyl]-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl $\}$ acrylamide hydrochloride;

- (*E*)-*N*-Methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-3-[4-(3-morpholin-4-yl-propyl)-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl]acrylamide hydrochloride;
- (E)-N-(3-Chloro-benzo[b]thiophen-2-ylmethyl)-N-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1H-pyrido[2,3-e][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(5-Chloro-1-methyl-1*H*-indol-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(1,7-Dimethyl-1*H*-indol-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(5-Fluoro-3-methyl-benzo[*b*]thiophen-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-*N*-(5-Chloro-3-methyl-benzo[b]thiophen-2-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-(1,7-dimethyl-1*H*-indol-2-ylmethyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-(2-ethoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide;
- (*E*)-7-{2-[Methyl-(1-methyl-1*H*-indol-3-ylmethyl)-carbamoyl]-vinyl}-2-oxo-1,2,3,5-tetrahydro-pyrido[2,3-*e*][1,4]diazepine-4-carboxylic acid benzyl ester;
- (E)-3-(2,4-Dioxo-1,2,3,4-tetrahydro-pyrido[2,3-d]pyrimidin-6-yl)-N-methyl-N-(1-methyl-1H-indol-3-ylmethyl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-(2-oxo-2,3-dihydro-oxazolo[4,5-*b*]pyridin-6-yl)acrylamide;

- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)-3-(2-oxo-2,3-dihydro-oxazolo[4,5-*b*]pyridin-6-yl)acrylamide;
- (E)-3-(6-Amino-5- $\{2$ -[methyl-(1-methyl-1H-indol-2-ylmethyl)carbamoyl]ethyl $\}$ pyridin-3-yl)-N-methyl-N-(1-methyl-1H-indol-2-ylmethyl)acrylamide;
- (*E*)-3-(6-Amino-5-piperidin-1-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-3-(6-Amino-5-pyrrolidin-1-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-benzyl-piperidin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-pyrrolidin-1-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-naphthalen-2-ylmethyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-(3,4-dimethyl-thieno[2,3-*b*]thiophen-2-ylmethyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-(2-ethoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;

- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-benzofuran-2-ylmethyl-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-(3-methoxy-2-propoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-[6-Amino-5-(4-methyl-piperazin-1-ylmethyl)pyridin-3-yl]-*N*-(2-ethoxy-3-methyl-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-(3-Methoxy-2-propoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Isopropoxy-3-methoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide hydrochloride;
- (*E*)-3-[6-(2,5-Dioxo-pyrrolidin-1-yl)pyridin-3-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-*N*-(5-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)succinamide;
- (E)-N-(5- $\{2$ - $[Methyl-(1-methyl-1H-indol-2-ylmethyl)carbamoyl]vinyl\}$ pyridin-2-yl)-4-(4-methyl-piperazin-1-yl)-4-oxo-butyramide;
- (E)-N- $(5-{2-[Methyl-(1-methyl-1<math>H$ -indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)-4-morpholin-4-yl-4-oxo-butyramide;
- (*E*)-1-Methyl-piperidine-4-carboxylic acid (5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)amide;

- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-[6-(2-pyridin-4-ylacetylamino)pyridin-3-yl]acrylamide;
- (*E*)-1-Acetyl-piperidine-4-carboxylic acid (5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)amide;
- (E)-3-(6-Amino-pyridin-3-yl)-N-(2,3-dimethoxy-benzyl)-N-methyl-acrylamide;
- (E)-N-(4-Acetylamino-benzyl)-3-(6-amino-pyridin-3-yl)-N-methyl-acrylamide;
- (*E*)-3-[3-(2-Dimethylamino-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]-*N*-methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(4-methyl-naphthalen-1-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Acenaphthen-5-ylmethyl-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydropyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-(6-{2-[Methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)acetic acid;

Sodium (E)-(6-{2-[methyl-(1-methyl-1H-indol-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2H-pyrido[2,3-d]pyrimidin-3-yl)acetate;

Sodium (*E*)-(6-{2-[methyl-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)acetate;

- (*E*)-*N*-Methyl-*N*-(1-methyl-1*H*-indol-2-ylmethyl)-3-{3-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl}acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-{3-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl}acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)-3-{3-[2-(4-methyl-piperazin-1-yl)-2-oxo-ethyl]-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl}acrylamide hydrochloride;
- (*E*)-2-Amino-5-{2-[methyl-(1-methyl-1*H*-indol-2-ylmethyl)carbamoyl]vinyl}-*N*-(2-morpholin-4-yl-ethyl)nicotinamide hydrochloride;
- (E)-N-(3-Methyl-benzo[b]thiophen-2-ylmethyl)-3-[3-(3-morpholin-4-yl-propyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-d]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Ethoxy-3-methoxy-benzyl)-*N*-methyl-3-[3-(3-morpholin-4-yl-propyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(5-{2-[Methyl-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)carbamoyl]vinyl}pyridin-2-yl)-4-(4-methyl-piperazin-1-yl)-4-oxo-butyramide;
- (*E*)-*N*-(2,3-Diethoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2-Isopropoxy-3-methoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(3-Methoxy-2-propoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;

- (*E*)-*N*-Methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(3-Chloro-2-ethoxy-benzyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(4-Fluoro-naphthalen-1-ylmethyl)-*N*-methyl-3-[3-(2-morpholin-4-yl-ethyl)-2-oxo-1,2,3,4-tetrahydro-pyrido[2,3-*d*]pyrimidin-6-yl]acrylamide hydrochloride;
- (*E*)-*N*-(2,3-Dimethoxy-benzyl)-*N*-methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)acrylamide;
- (*E*)-3-(6-Amino-5-morpholin-4-ylmethyl-pyridin-3-yl)-*N*-methyl-*N*-(1-methyl-1*H*-indol-3-ylmethyl)acrylamide;
- (E)-3-(6-Amino-pyridin-3-yl)-N-methyl-N-thieno[3,2-c]pyridin-2-ylmethyl-acrylamide;
- (*E*)-*N*-Methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-*N*-thieno[3,2-c]pyridin-2-ylmethyl-acrylamide;
- (*E*)-*N*-Methyl-3-(7-oxo-5,6,7,8-tetrahydro-[1,8]naphthyridin-3-yl)-*N*-thieno[3,2-c]pyridin-2-ylmethyl-acrylamide;
- (*E*)-3-(6-Amino-pyridin-3-yl)-*N*-(2-ethoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-(6-Amino-pyridin-3-yl)-*N*-(2-propoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-3-(6-amino-pyridin-3-yl)-*N*-(2-isopropoxy-3-methoxy-benzyl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-Acenaphthen-5-ylmethyl-3-(6-amino-pyridin-3-yl)-*N*-methyl-acrylamide hydrochloride;
- (*E*)-*N*-(1H-Indol-5-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-acrylamide;

- (*E*)-*N*-Methyl-*N*-(1-methylindol-5-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-(1H-Indol-7-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-Methyl-*N*-(1-methylindol-7-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-(1*H*-Indol-6-ylmethyl)-*N*-methyl-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-e][1,4]diazepin-7-yl)-acrylamide;
- (*E*)-*N*-3-(6-Amino-pyridin-3-yl)-*N*-methyl-*N*-(2-methyl-benzofuran-3-ylmethyl)-acrylamide hydrochloride;
- (*E*)-3-(3,3-Dimethyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)-*N*-methyl-*N*-(3-methyl-benzofuran-2-ylmethyl)acrylamide hydrochloride;
- (*E*)-*N*-Methyl-*N*-(3-methyl-1*H*-inden-2-ylmethyl)-3-(4-methyl-2-oxo-2,3,4,5-tetrahydro-1*H*-pyrido[2,3-*e*][1,4]diazepin-7-yl)acrylamide hydrochloride;
- (*E*)-3-(6-{2-[Methyl-(3-methyl-benzo[*b*]thiophen-2-ylmethyl)carbamoyl]vinyl}-2-oxo-1,4-dihydro-2*H*-pyrido[2,3-*d*]pyrimidin-3-yl)propionic acid ethyl ester;
- (E)-3-(6-amino-5-cyano-pyridin-3-yl)-N-methyl-N-(1-methyl-1H-indol-2-ylmethyl)-acrylamide hydrochloroide; or
- (E)-N-methyl-N-(1-methyl-1H-indol-2-ylmethyl)-3-(2-oxo-1,2,3,4-tetrahydro-pyrido-[2,3-b]pyrazin-[2,3-b]-acrylamide.
- 21. (**Original**) The compound of claim 1, wherein the compound inhibits FabI with a  $K_i$  of about 5  $\mu$ M or less, about 1  $\mu$ M or less, about 100 nM or less, about 10 nM or less, or about 1 nM or less.
- 22. (**Original**) The compound of claim 1, wherein the compound inhibits FabI with an IC<sub>50</sub> of about 30  $\mu$ M or less, about 1  $\mu$ M or less, about 100 nM or less, or about 10 nM or less.

- 23. (**Original**) The compound of claim 1, wherein the compound inhibits FabI with an MIC of about 32 μg/mL or less, about 16 μg/mL or less, or about 8 μg/mL or less, about 4 μg/mL or less, about 2 μg/mL or less, about 1 μg/mL or less, about 0.5 μg/mL or less, about 0.25 μg/mL or less, or about 0.125 μg/mL or less.
- 24. (**Original**) A pharmaceutical composition comprising a compound of claim 1 and a pharmaceutically acceptable carrier or excipient.
- 25. (**Previously Presened**) The composition of claim 24, wherein the composition is formulated for intraveneous or injectable, administration.
- 26. (Canceled)
- 27. (**Original**) The composition of claim 24, wherein the composition is formulated for topical application.
- 28.-29. (Canceled)
- 30. (**Original**) The composition of claim 24, wherein the composition is formulated for oral administration.
- 31. (**Original**) The composition of claim 30, wherein the composition is formulated in tablets such that the amount of compound provided in 20 tablets, if taken together, provides a dose of at least the ED<sub>50</sub> but no more than ten times the ED<sub>50</sub>.
- 32. (**Original**) The composition of claim 24, wherein the composition is formulated for parenteral administration such that the amount of compound provided in 20 cc bolus injection provides a dose of at least the ED<sub>50</sub> but no more that ten times the ED<sub>50</sub>.
- 33. (Canceled)
- 34. (**Original**) A pill for reducing bacterial levels in a subject with a bacteria related illness, comprising a compound of claim 1.
- 35. (**Original**) The pill of claim 34, wherein the pill provides effective bacterial treatment for at least about 8 hours.

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- 36.-47. (Canceled) .
- 48. (**Original**) A method of disinfecting an inanimate surface comprising administering to the inanimate surface a compound of claim 1.
- 49. (**Original**) A kit comprising the pharmaceutical composition of claim 24 and instructions for use thereof.
- 50. (**Previously Presented**) The compound of claim 6, wherein B is CH2.
- 51. (**Previously Presented**) The compound of claim 50, wherein A comprises a nine-membered bicyclic heteroaryl comprising at least one O.

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